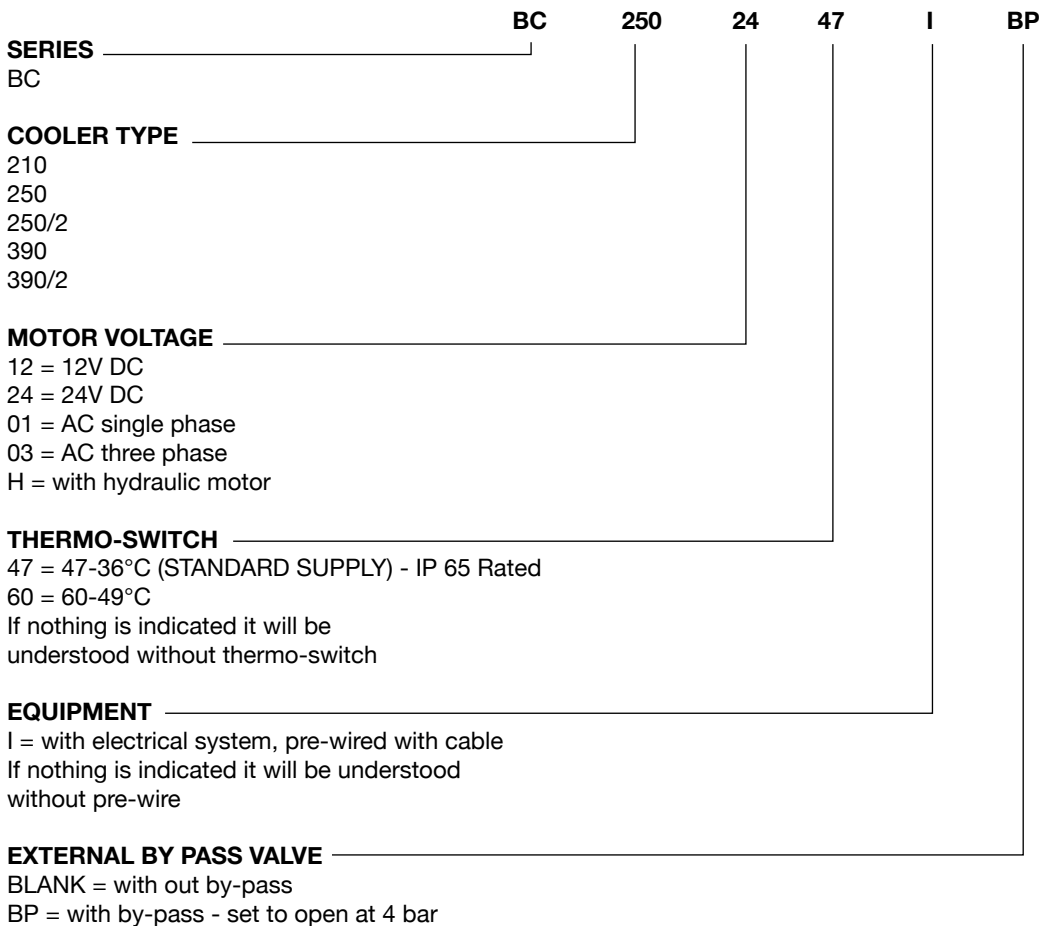# BC Series - Industrial Cooler System with Axial Fan

Max static pressure   =   25 bar
Max dynamic pressure   =   16 bar
Aluminium air-oil heat exchanger
Suitable for return line and off line

OPTIONAL
Circulation pump - On Request

BC 210 Series	- 12-24V	page 527
	- Single Phase / Three Phase	page 528
BC 250 Series	- 12-24V	page 529
	- Single Phase / Three Phase	page 530
	- with Hydraulic Motor	page 531
BC 250/2 Series	- 12-24V	page 532
	- Single Phase / Three Phase	page 533
	- with Hydraulic Motor	page 534
BC 390 Series	- 12-24V	page 535
	- Single Phase / Three Phase	page 536
	- with Hydraulic Motor	page 537
BC 390/2 Series	- 12-24V	page 538
	- Single Phase / Three Phase	page 539
	- with Hydraulic Motor	page 540

	BC	250	24	47	I	BP

SERIES
BC

COOLER TYPE
210
250
250/2
390
390/2

MOTOR VOLTAGE
12 = 12V DC
24 = 24V DC
01 = AC single phase
03 = AC three phase
H = with hydraulic motor

THERMO-SWITCH
47 = 47-36°C (STANDARD SUPPLY) - IP 65 Rated
60 = 60-49°C
If nothing is indicated it will be
understood without thermo-switch

EQUIPMENT
I = with electrical system, pre-wired with cable
If nothing is indicated it will be understood
without pre-wire

EXTERNAL BY PASS VALVE
BLANK = with out by-pass
BP = with by-pass - set to open at 4 bar

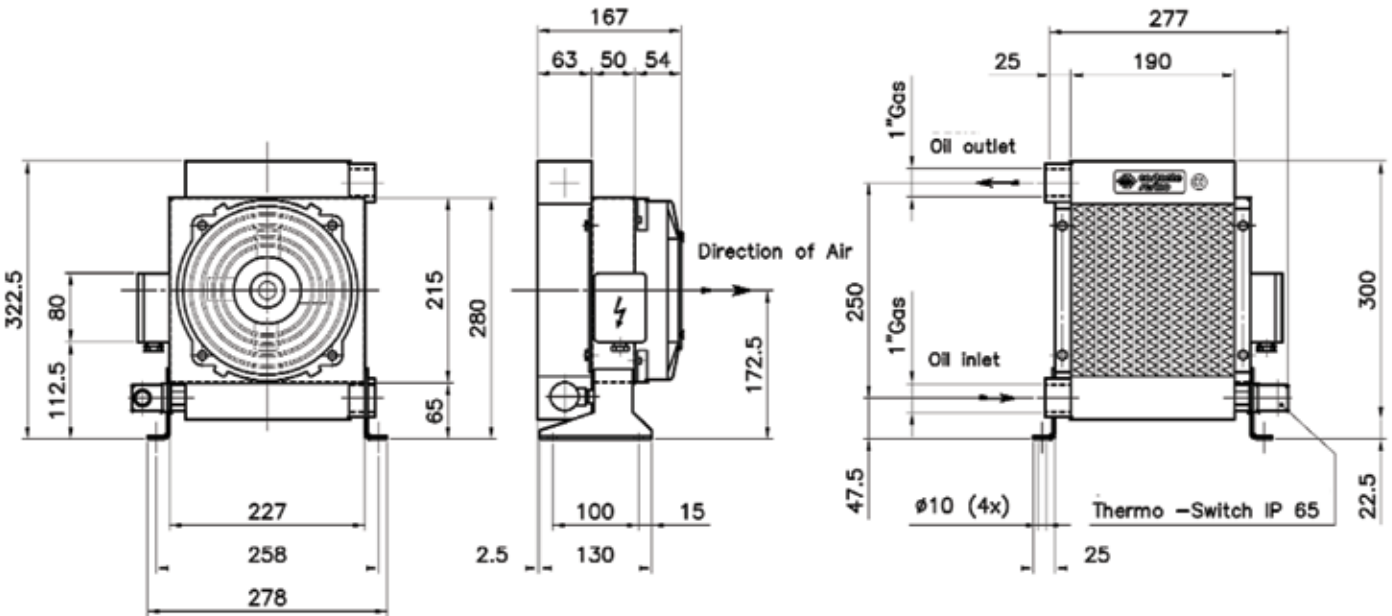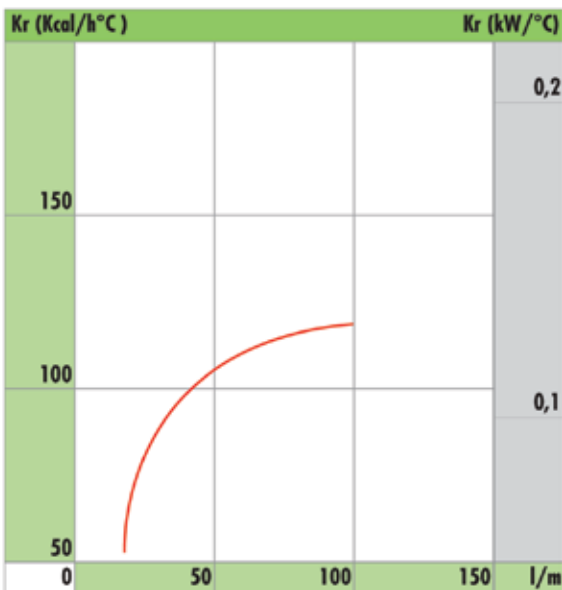# BC 210 Series - 12-24V

DIMENSIONS AND TECHNICAL CHARACTERISTICS ARE NOT BINDING

Type	Oil flow l/min	Capacity l	Voltage V	Power W	Current A	Air flow m³/h	Protection IP	Noise Level dB(A)	Weight Kg
BC 210 12	25-100	1.7	12	70	5.8	600	64	75	6
BC 210 24			24		2.9				

PERFORMANCE DIAGRAM
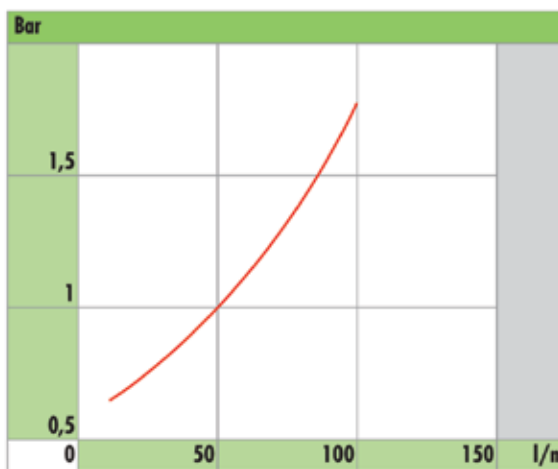
LOSS PRESSURE DIAGRAM - at 30cSt

CORRECTION FACTOR

A	22	30	46	68	100	150	220	= cSt
B	0,6	1	1.5	2.3	3.5	5	7	= f

A = Oil viscosity in cSt   **B** = Multiplication factor for pressure loss

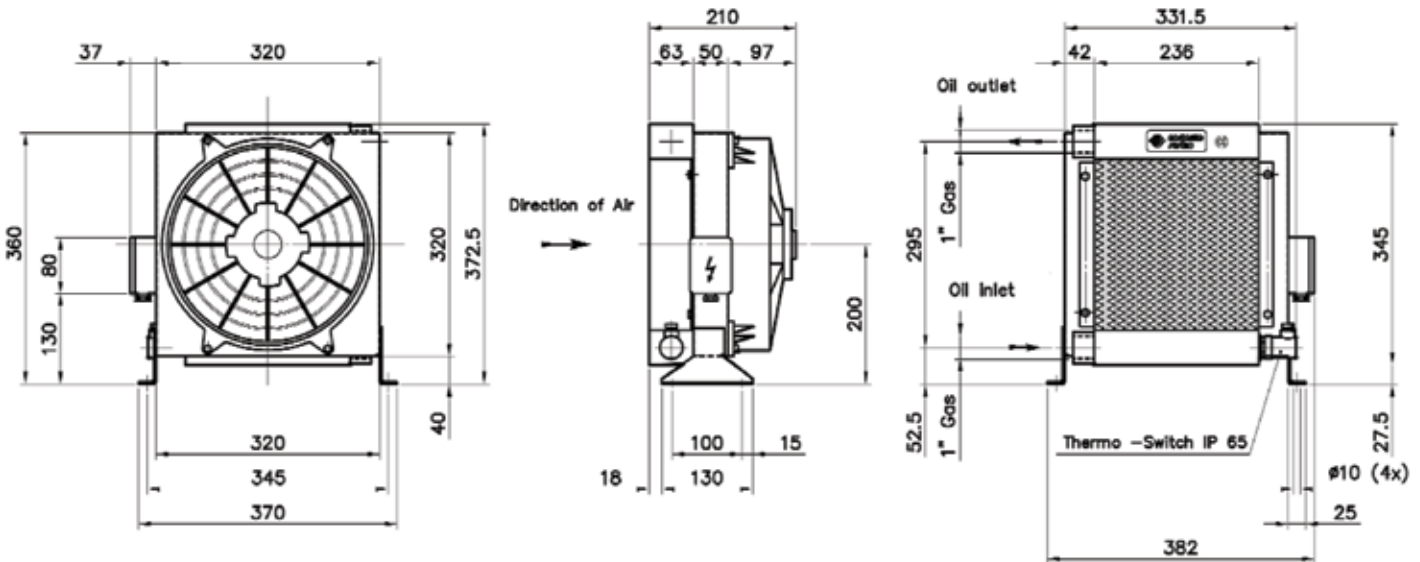# BC 250 Series - 12-24V
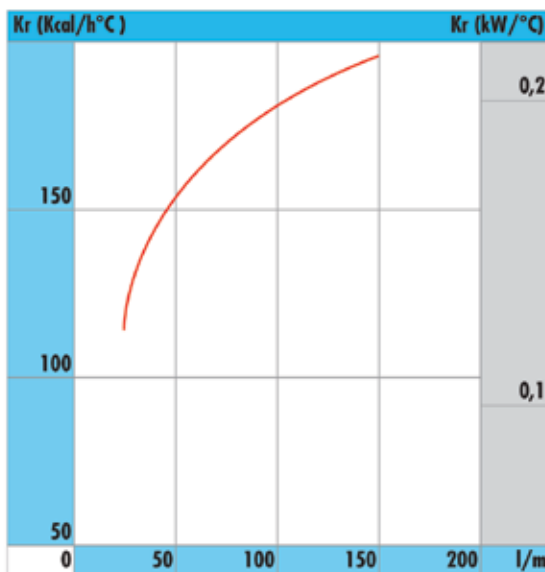

DIMENSIONS AND TECHNICAL CHARACTERISTICS ARE NOT BINDING

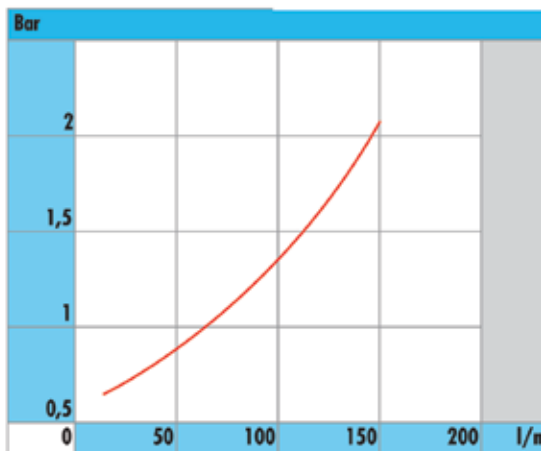| Type	Oil flow l/min	Capacity l	Voltage V	Power W	Current A	Air flow m³/h	Protection IP	Noise Level dB(A)	Weight Kg
BC 250 12	25-150	2	12	180	15	1.600	68	79	10
BC 250 24			24		7.5				

PERFORMANCE DIAGRAM

LOSS PRESSURE DIAGRAM - at 30cSt

CORRECTION FACTOR

A	22	30	46	68	100	150	220	= cSt
B	0,6	1	1.5	2.3	3.5	5	7	= f

A = Oil viscosity in cSt   **B** = Multiplication factor for pressure loss